

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(MLS) (Sem.-5)
CLINICAL BIOCHEMISTRY-II

Subject Code : BMLS-505

M.Code : 70469

Date of Examination : 23-12-2022

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1) Answer briefly :

- a) What do you mean by clinical biochemistry?
- b) Define renal clearance.
- c) What is glucose tolerance?
- d) What is the clinical significance of alkaline phosphatase?
- e) What are renal calculi?
- f) Give clinical significance of alanine transaminase.
- g) What are barbiturates? Give examples.
- h) Why examination of cerebrospinal fluid is necessary?
- i) Give any two qualitative tests for 17-ketosteroids.
- j) What is the significance of gastric analysis?

SECTION B

2. What are various methods for assessment of insulin tolerance?
3. Discuss various tests to assess renal functions.
4. Explain various tests for T3, T4 and TSH.
5. Write a note on qualitative analysis of renal calculi.
6. Write in brief about various rapid techniques in clinical biochemistry.

SECTION C

7. Write a detailed note principle, clinical significance, and procedure for estimation of lactate dehydrogenase.
8. Discuss various methods involved in gastric analysis.
9. Write detailed note on automation in clinical biochemistry.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.